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ABSTRACT

The book contains a series of career-oriented ideas for social studies teachers, contributed by teachers in the East Providence Career Education Project. The ideas are the basis of the interdisciplinary contracting system for grades 7-12 in three pilot schools. They are classified by occupational clusters, which the teachers can use to incorporate their academic skill development with career exploration and development. The ideas are meant to be adapted to any grade level and incorporated into the teacher's particular teaching style, classroom organization, and student needs. The occupational clusters integrated into the social studies curriculum are: agribusiness and natural resources, business and office, communications and media, construction, consumer and homemaking, environment, fine arts and humanities, health, hospitality and recreation, manufacturing, marine science, marketing and distribution, personal service, public service, and transportation. Each idea is numbered separately and is presented in a one- or two-sentence format. (BP)

Career Education—

an idea book for

Social Studies Teachers

ED105171

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CE 003 441

East Providence School Department

Edward R. Martin
Superintendent

Introduction

Career Education is a system which attempts to integrate career awareness and exploration activities with traditional academic learning. It is, most simply, a motivational technique which uses a student's interests in occupations and the world outside of school to teach him the basic communication and cultural skills for which the schools are responsible. Of course career education has its own set of career development objectives. However, the academic teacher who becomes adept at integrating the exploration of careers with the learning of his subject will attain both his academic objectives and his career development objectives.

Most teachers have been trained in the traditional approach of giving direct information to the students about their subject with little or no relation of its application to the world outside of school or to the adult life of the student. As such, many teachers who enter career education programs ask, "How can I integrate my academic area with career activities?"

The integration process is a fairly simple one. There are two elements to the integration. The first is the selection of the particular academic skill which is to be taught. This can be determined by group or individual needs. The English teacher may want to teach outlining or punctuation; social studies may be teaching cause and effect relationships; science, data collection techniques of the scientific method and math may be teaching the use of percents. The second step is to help the student(s) select a career related activity through which the skill can be learned.

Most teachers know the list of skills for which they are responsible, but do not know career activities with which to integrate these skills.

This book contains a series of career oriented ideas, classified by occupational cluster which teachers can use to incorporate their academic skill development with exploration and career development.

The ideas included in the booklet are not stated in behavioral objective form, they do not include criteria, or conditions for measurement as they are meant to be seed ideas which teachers can adapt at any level to their particular teaching style, classroom organization, and the needs of their students.

If you are wondering what to do to integrate transportation occupations, read through the transportation section until you find those that you feel best meet your needs, then develop your own method of delivery and evaluation.

The ideas in the booklet were contributed by teachers in the East Providence Career Education Project, East Providence, Rhode Island. They are the basis of an interdisciplinary contracting system for grades 7-12 in three pilot schools. For further information about this system write to:

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East Providence School Department
255 Taunton Avenue
East Providence, Rhode Island 02914

We hope that this booklet and the series of which it is a part, will be a useful resource to you in developing a successful career education program.

Agri-Business & Natural Resources

1. Report on the state laws regulating fishing.

2. Investigate the federal regulations controlling dirt and pesticide levels in food.

3. Telephone the State Department of Natural Resources and find out who the local game preservation officer is. Interview concerning job and responsibilities. Draw a map showing the area for which the officer is responsible. Include it in your written report.

4. The conservation of natural resources has been a subject of importance for some time. Describe federal conservation policies from the time of Theodore Roosevelt to the New Deal of F.D.R.

5. Find out what kinds of jobs are available in the State Department of Natural Resources. Pick 2 jobs which are of the most interest to you and tape interviews with the persons who hold these positions.

6. According to recent surveys, the U. S. is running short of a number of energy producing natural resources. Estimate how many years are left before such natural resources as oil, natural gas, and coal run out. Once you have reached your conclusions, make a chart to illustrate them.

7. Plan and plant, if possible, a small garden with the crops raised exactly as they were in colonial times.

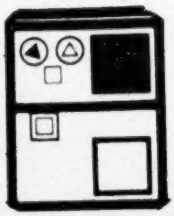
8. Summarize in a report the procedure the government uses to control the prices of at least three specific farm products.

9. Describe the federal programs which are designed to subsidize farmers. How did these programs develop? Why are they necessary? What are the objections to them?

10. Describe the functions of the state in controlling diseases spread by natural pests. Describe at least 5 jobs in this area.

11. Describe some of the jobs in farming that are available in this section of the country. What are the prospects for farming in this area in the future? Is it economically feasible?

12. Describe how mechanization has affected farming in the last 30 years.



Business and Office Occupations

1. Businesses are all operated under some form of legal agreement. Describe the legal steps in formulating a contract and its legal obligations. Do the same for a corporation. Describe the legal format and obligations involved in formulating a valid contract.

2. Describe the kinds of job protection available to office workers in at least five businesses. Do they have unions? If they do, what are they? If not, what protection do they have against arbitrary acts by management?

3. You and your friend would like to go into business together. What are some different types of partnerships you should study before deciding on how to organize yourself?

4. Describe the differences between a dealership and franchise.

5. Define the different types of taxes a person has to pay during his lifetime.

6. Report on the conditions which led to the development of the typewriter and how it has evolved from the original model.

7. One of the skills an accountant must have is the ability to compute taxes. Choose a business and describe the federal, state, and local taxes that it has to pay.

Communications and Media

1. Newspaper reporter? Some basic information needed to understand your work: What are the types of mass media in use today? What was the major form of mass media before 20th century? How did mass media bring about the change in attitude of U. S. toward international affairs from 1921 - 1945?

2. Trace the origins and development of the following news gathering agencies. A) Associated Press, B) United Press International, C) International New Service, D) Reuters

3. Prepare a report on the effect of mass media on the careers of prominent individuals such as F.D. Roosevelt, Lowell Thomas. Walter Cronkite, Dave Garraway, Huntley & Brinkley, John C. Daly, Lyndon B. Johnson.

4. Using pictures of historic inn or tavern signs as a guide, design and paint an original sign in the style of a particular period in history.

5. Attend a city or town government meeting and take notes on the proceedings. Using this material, develop a radio broadcast and present it to the class.

6. For two weeks keep a careful record of amount of time spent: a) watching T.V., b) listening to radio, c) reading. Keep a list of new ideas received from each. From which source did the most rewarding ideas come? What conclusions can you draw?

7. Report on the effect of television on the presidential campaigns of 1960, 1964, and 1968.

8. Visit an historical society and study original copies of old newspapers. Compare printing techniques of a century ago with those of today.

9. Visit a local newspaper's library and obtain the articles describing the bombing of Pearl Harbor on Sunday, December 7, 1941. Write an essay on your findings.

10. Research and report on the invention of the telegraph and its impact on our society. Also, visit a Western Union office and interview an employee. Tape record his description of contemporary telegraph usage.

11. Investigate and write a report on how you might advertise your campaign for school committee member. Interview a local politician and tape what he has to say about the policies and cost of political advertising.

12. Political candidates often hire agencies which handle nearly every aspect of their publicity campaigns, including press releases. Find examples of press releases which have appeared in the newspapers. Then write a series of at least five releases covering the campaign of an imaginary candidate.

13. Political candidates frequently make use of publicity specialists, or advertising agencies, to raise funds. Design a fund raising campaign on behalf of an imaginary candidate.

14. Different countries have different styles of reporting news events in their newspapers and magazines. Find a news story which describes an event or situation that occurs in the U. S. as reported in a major U. S. newspaper or magazines. Then find an account of the same event or situation in at least 6 foreign newspapers or magazines. No more than 2 of these publications should be from the same country. When you have found your material, compare the styles.

15. Describe a news event which is of interest to you as if you were a newspaper reporter. Include an analysis of the causes behind the event and its implications.

16. Recently the telephone company has come into considerable criticism as a monopoly. In general, describe the federal government's role in regard to monopolies. Trace the federal government's action in regard to the telephone company.

17. You are planning to open a radio or television station. Describe the Federal Communications Commission regulations with which you would have to comply.

18. As a radio or television announcer you are required to conform to certain Federal Communications Commission regulations. Describe the F.C.C. regulations which apply to you.

19. One of the important functions of advertising agencies often is the running of political campaigns. Investigate advertising techniques which are used to "sell" candidates. Design a hypothetical advertising campaign for a candidate whom you create.

20. An important part of any newspaper is the political cartoon. Find at least 10 political cartoons and explain the meaning of each. Design your own cartoon using a current political event or situation.

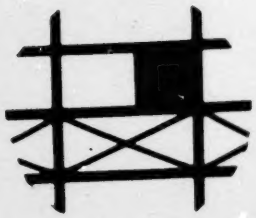
21. Take pictures of historical houses, gravestones, objects in your area. Compile them in a labeled scrapbook.

22. Write and orally present a persuasive speech explaining why you are a better candidate for City Council than the incumbent.

23. Many newspapers adopt a specific editorial policy towards political figures and events. Read at least 2 newspapers for a period of at least three weeks and describe the kinds of policies to which these newspapers tend to subscribe.

24. In the past few years an increasing number of newspapers have ceased publication. Choose at least two newspapers that have failed and describe the reasons for their failure.

25. Write a radio news report on a news item which you select. Include an analysis of the event. Tape if possible.



Construction

1. Take pictures or slides of houses from different historical periods. Report to the class, commenting on the major differences in style and construction of the examples shown and why they are typical of that particular period.

2. Report on the methods of cabinet construction used by colonial craftsmen. Include at least five illustrations showing different stages of construction.

3. Report on the formation of the bricklayer's union, its organizational pattern, requirements for admission, and benefits of membership.

4. Compare building methods of 200 years ago with those in use today. Provide illustrations if possible.

5. Compare the types of roofing used on houses built between 1900 and the present.

6. You want to build a new home ani have learned that a building permit is necessary. Find out why one is needed ani how to obtain it.

7. Draw a map of your state showing major highways, bridges, airports and tunnels. In a report, give the following information about each: length, cost, necessity for, and difficulties in construction.

8. Construct or refurnish a piece of antique furniture representative of the colonial period.

9. Construct a replica of a typical New England mill that will operate by water power.

10. Make replicas of five tools that were used by Indians in this area of the country.

11. Make a small stone wall representative of the walls that surrounded old New England farms.

12. Plan the landscaping for a typical New England colonial green.

13. Construct an Indian home that is representative of Indian housing that existed in our area of the country; then build Indian homes of other areas of the country and compare them.

14. Construct to scale a typical whaling ship that sailed out of New Bedford, Mass. during colonial times.

15. Construct an old New England colonial town. Include village green, church, stores, farms, etc.

16. Design an <u>ideal</u> comprehensive, modern city in all its facets. Example: landscaping, sanitation, water, industrial and residential areas. Construct a model if possible.

17. Show to a group of students using illustration or props that you have made, the development of a particular tool from the early ages to the present.

18. Find out what a zoning area is. After this, find out how many kinds of zoning areas there are in your town or city, and where they are located.

19. Frequently in construction projects, jurisdictional disputes between unions occur as to the types of work certain workers can do (i.e. a worker in the carpenter's union cannot do any work connected with painting, which is the exclusive area of the painter's union). Describe the kinds of work to which particular unions are restricted. (Choose at least 2 unions). Trace the development of a jurisdictional dispute that has taken place in this region in the recent years.

20. Build a scale model of a building which dates before 1900 and describe its background. Examples might be a chateau, ancient temple, fort, etc.

21. Describe how methods of carpentry have changed from ancient times to the present. Make at least 2 models of tools that were once used in carpentry.

22. Make a scale model of a colonial house. Show the various methods used in constructing the building such as how beams were put in place and how the house was held together.

23. Draw a floor plan for a building which dates from the period before 1900. Describe its background. Examples might be a chateau or an ancient temple.

24. Economic conditions effect the growth of the housing industry. Describe the various fluctuations which have taken place in this industry and the economic conditions which produced them. Make a graph to illustrate your findings. What is the outlook for the years ahead?

25. Describe how the federal government aids the housing industry in some of its programs. List and describe at least 3 programs of the Department of Housing and Urban Development which make housing easier for people to buy and thus help the industry indirectly.

26. Describe what building codes are and find out who draws them up. Using a model house which you would design, describe the building codes which would apply to it.

27. Describe the various "ranks" through which a worker in at least two different construction unions must work his way in order to reach the top of his profession.

28. Construction workers are frequently subject to seasonal layoffs or layoffs caused by economic conditions taking a turn for the worse. Describe what a construction worker does to provide for himself and his family when a layoff affects him. What aid is available to him?

29. Describe the various public utilities that are essential to the average functioning household. Pick at least 2 of them and describe the government regulations which effect the installation of these utilities.

30. Describe the causes, development, and resolution of a labor dispute between construction workers and contractors which has occurred in the state in the recent past.

31. Construction workers usually belong to the "craft" unions of the American Federation of Labor. Describe how these unions differ in nature from the "industrial" unions of the Congress of Industrial Relations. Trace the development of the labor movement in the U. S. and explain how the two major union groups joined together to form one organization, the A.F.L.-C.I.O.

Consumer and Homemaking

1. List the steps you would go through to have a product you have invented consumer tested.

2. Find out what union refrigerator and air conditioning repairmen belong to. Report on admission requirements, organizational patterns, and benefits of membership.

3. As a consumer, you buy a product which does not work or breaks down quickly. The company from which you bought it refuses to take it back. Describe what you would do to get satisfaction. Include a description of the government agencies to which you could turn and the procedures you would follow in enlisting their aid.

Environment

1. You are interested in protecting the environment. Find a bill, or create one of your own, which would protect some area of the environment. Then make a chart tracing the passage of this legislation through the Congress or the state legislature.

2. Locate at least five sources of pollution in your area. Pick one that you consider the most serious and describe why the pollution is occurring, what can be done to clean it up, and how much this would cost.

3. Write to the U. S. Department of Interior, Department of Natural Resources, asking for information on the areas in the United States which have the greatest problem with pollution, sources of pure water, and sewage disposal. Report on: a) diseases caused, b) effect on life, and c) possible solutions.

4. Visit a sewerage treatment plant. Find out the method of treatment used and its effectiveness, if the facility is adequate for the area served, and what plans for treatment of sewerage in the future have been made.

5. Report on how you would go about getting plans for preserving the natural beauty of an area passed into law.

6. You have just landed in the middle of the Amazon jungle after skyjacking a plane. What would you have to do in order to survive?

7. Our environment is sacred to all of us. Find out if the President has done anything to help save our natural resources. Are there any cabinet members who are responsible for a clean environment? If so, who are they and what do they do?

8. What are the penalties for littering in this state? What types of litter bugs are there? How many are caught and prosecuted? What is the cost of cleaning up our state? When did pollution laws go into effect?

9. Pick a pollution site and report on specific ways in which the environment is being harmed.

10. Create a photographic essay on pollution in your area.

11. Research pollution control efforts being made in your town or city and report to the class.

12. Report on how effectively city and state ordinances on pollution are being enforced.

13. Interview the person in charge of a dump or sanitary land fill site. Determine the following: 1) what systems for collection and disposal are used, 2) are there sufficient collections, 3) who performs these jobs, and 4) are the jobs done according to a contract.

14. Choose two large industrial cities in the U. S. and write a report on smog conditions in these areas. Give the reasons why these cities might have more smog than others.

15. State a campaign against pollution. First find out what laws are in effect for air and water polluters. Then find out what agency in your area could help you. Present a list of places you wish to clean up.

16. From a councilmen or a department in city hall obtain a copy of the city's budget. How much money is spent for anti-pollution purposes? How many people are employed fighting pollution? What are titles and qualifications of these people?

17. What is being done by T.V. and radio to make people aware of the pollution problem? List the kinds of advertisements seen on TV. and heard on radio. Also write the message that the advertisement is trying to get across to the people.

18. Describe what actions the federal, state, and local governments can take against polluters.

19. Trace the history of a case in which the federal government took a polluter to court. If possible, illustrate your report with slides or pictures from magazines and newspapers.

20. It is very easy to say, "Shut the polluters down!" But what is the economic feasibility of doing so? Take an industry which is known to be a polluter and calculate the cost of controlling its pollutants. Explain what this cost would do to the price of its products, wages paid its employees, and the overall economic impact.

21. Concern for the ecology is extremely popular at the moment. Describe the kinds of actions being taken by citizens' groups to protect the environment. Contact and tape interviews with people in the state who are active in these groups. You should conduct at least 2 interviews.

22. Frequently, large corporations succeed in evading state, local, and even federal regulations when they are polluting. Describe what means corporations use to do this and cite at least 3 specific examples.

23. Design a mass urban transit system which would reduce air and noise pollution. The system should be economically feasible. This will involve urban planning, population estimates, etc. Your system should be planned to meet the specific needs of a particular city which you select.

24. Some scientists say the U. S. is becoming overpopulated. Describe the arguments for and against this idea. What measures can be taken to prevent overpopulation?

25. Describe the effects of strip mining on the sand, gravel, coal industry, etc. What kinds of actions are the federal and state governments taking? Limit yourself to 3 states. If there is a sand or gravel stripping operation nearby show its effects in a slide presentation.

26. Imagine that you are a public official, or even a private citizen, and you are concerned about future trends in population. Describe the psychological effects which overpopulation seems to have on the basis of what we know about the country now, and from what we have been able to learn from various types of experiments. What effects may overpopulation have in the future?

Fine Arts

1. Design a wall paper pattern modeled after those used in the colonial period. Report on the methods that were used at the time to produce the finished product.

2. Compose a poem on the subject of poverty and design a poster to make a collage to illustrate it.

3. Make a series of drawings illustrating major fashion trends from 1900 to the present.

4. Choose a room in your home and plan how you would redecorate it in the style of your favorite historical period.

5. The use of documentaries has become increasingly popular in recent years. Create your own documentary of either a local historical event or particular period in history in your area.

6. Investigate the North American Indian. Report on the origins, major characteristics, and contributions to American life of each time.

7. Black history is a subject about which we all should know more. Choose episodes from American history in which Blacks played a significant role and report on your research.

8. Trace your family's history as far back as possible. Use this information to construct a family tree.

9. Find out which aspects of the Afro culture in the United States have a truly African origin and which originated here.

10. Analyze the fashion trends in the U. S. since 1930. What things can you learn about social and economic conditions and attitudes from the way people dress?

11. Literary styles often reflect or typify the period in which a particular piece of writing was done. Find at least two books (novels) and explain how they mirror the society that existed when they were written.

12. Literary works often carry a strong political message. Read at least two books which have such an intent and explain what they are saying.

13. The evolution of a nation's language often says much about its history and culture. Pick a language which interests you and describe how it has changed over the years. Make a chart illustrating when these changes occurred.

14. During the Great Depression of the 1930's, many artists, writers, and other creative people were especially hard hit. Why was this so? Describe what the New Deal did to help keep culture alive during the Depression. Find at least three examples of creative work done during the period which resulted from federal projects.

15. Cultural activities often are in need of funds and frequently find few sources to which they can turn. Describe the federal and state programs which have been created since the 1950's to aid the arts and humanities. Give specific examples of projects which have benefited from government aid.

16. For primitive man, painting had a special meaning. Describe what meaning it had to different peoples. Make slides, or copy at least three primitive paintings to accompany your description.

17. During World War II there was a fear of the Japanese living in the U. S. Find out some reasons why this fear existed and what the American Government did to the Japanese living in America.

18. America is a melting pot. Draw a graph which would show immigration at different stages in American's History up to the present. Research and report on the immigration laws to the present. Why are such laws enacted?

19. Choose a topic in history which interests you. Find some books or magazine articles on that subject. Present a pictorial report.

20. Do a culture study of a local Indian group.

21. Describe the ways in which popular recordings reflect the values of our times.

22. Plan a T.V. talk show focusing on an important social issue of the day.

23. Contrast the social significance of today with that of films made 20 years ago.

24. Write a persuasive essay to try to influence people to vote for a particular political candidate.

25. Write a television program to depict the signing of the Declaration of Independence.

26. In many countries (eg. - the People's Republic of China) drama has a particular ideological function to perform. Find examples of at least two such dramas and describe how they reflect a specific political viewpoint.

27. In many ways, the architecture of a society reflects its culture. Build a scale model of a structure which reflects certain traits of a culture which you choose. Describe the traits which you have discovered.

28. Do a series of caricatures of major political figures.

29. Make a campaign poster (local, state, or national) that you have designed.

30. Do a series of fashion illustrations showing dresses that were worn by affluent women during the Colonial period.

31. Present a play portraying the first Thanksgiving dinner.

32. Read Uncle Tom's Cabin and do a report comparing the Black situation at that time in America with the present.

33. Tape famous songs that depict the eras of World War I, Roaring Twenties, Depression, World War II, 50's, 60's and 70's. How do these songs reflect the particular period?

34. Design a dress to be worn by American teenagers today. Prepare a report on how the dress represents the attitudes of your generation towards America.

35. You are to assume the role of Francis Scott Key. Do a five minute tape on your feelings and thoughts at the moment that you composed the National Anthem.

36. Draw the various American flags that have existed in our country's history.

37. Frequently writers turn to historical events as settings for their work. Write a short story dealing with a past event or situation which interests you and which can be classified as historical fiction.

38. Write an essay dealing with an historical or contemporary event. Your essay should sum up the essence of that event and explain its significance.

39. Trace the development of a particular civilization which interests you. The time span of your study can cover the entire life span of a culture, or only a set period which will be agreed upon by you and your teacher. Illustrate your study with slides or pictures. You may also construct a scale model of a city which typifies the culture, or make three artifacts which illustrate its life.

40. Different schools of art represent particular periods in history. Find a school which interests you (eg. - the "impressionists") or a period (eg. - the Rennaissance, the Baroque Era) and describe the particular traits that characterized it. Make if possible, slides to accompany your presentation.

41. Choose a composer who is of particular interest to you (eg. - Beetoven) and describe how his work was influenced by the times in which he lived. Accompany your report with tape recordings of portions of his musical works which best typify his style.

42. Before the period of photography, famous events and people were portrayed by painters who have left us the only visual record we have of their times (eg. - Jonathan Trumbull and the American Revolution, or Gilbert Stuart). Find examples of at least 15 paintings from the same period which were done at the time of the event portrayed and make a slide of each one you find.

Health Occupations

1. Describe the function of the Public Health Agency as it relates to the operation of a restaurant.

2. Report on the licensing requirements for practical nurses in this state.

3. Visit the local visiting nurse association to find out the health services offered to area residents. Report on your findings.

4. Over the years, have health problems been worse in urban or rural areas? Discuss in a written or taped report, giving reasons to support your conclusions.

5. Visit the nearest federally funded health clinic and report on its facilities to the class.

6. Design a chart showing the change in family size from colonial times to the present.

7. Investigate and report on the relationship that exists between high birth rates and poverty.

8. Plan a neighborhood family health education center where basic health and hygiene could be taught effectively.

9. Compare birth rates from 1945-1959 and from 1960-1970. What conclusions can you draw about attitudes towards family size in those times?

10. Do a video-tape report on the public facilities which exist in the state for the mentally retarded.

11. Describe the responsibilities of the state coroner.

12. Report on the operations, facilities and functions of the State Bureau of Vital Statistics.

13. Prepare reports on the history, development, and current activities of the following health agencies: World Health Organization, Ship Hope, CARE, International Red Cross, UNICEF.

14. Compare health status for the following countries: Israel, Brazil, Ghana, U. S., India, Nationalist China, U.S.S.R., and Sweden.

15. Prepare a biographical report on the following people, concentrating on their contributions in the field of health: (a) Dr. Jonas Salk, (b) Frederick Banting, (c) Dr. Albert Schweitzer, and (d) Walter Reed.

16. Read <u>Rats, Lice and History</u> by Hans Zinsser and report to class.

17. Describe the federal programs which deal with medical care. Describe federal programs which the government is considering instituting in the area of health care.

18. What is the agency in your area which deals with public health? Describe the functions of this department. Tape an interview with someone in the department as to the department's work and the types of jobs involved.

19. Report on some characteristics of the total environment which may affect health: climate, topography, work, religion, trade, family, superstitions, education, income, working hours, and conditions.

Hospitality & Recreation

1. You and your friend want to go on a camping trip across the U. S. Time is no problem. Map out a route covering the national park sites across the country.

2. Report on the history of inns or taverns.

3. Report on the origins of baseball in the United States.

4. Write to an historical society. Request the following information: requirements for membership, cost to join, responsibilities and rewards of membership. Also ask if you can visit the society's headquarters or a near by historical site.

5. Report on the quality and adequacy of city or town recreation facilities.

6. Investigate the reasons for the establishment of teenage drop-in centers.

7. You are a tour director and are to map out a tour of Communist Europe. How would your job differ from making up a travel guide to Western Europe?

8. Imagine that you are the manager for an amateur soccer team. You need a playing field for your team. Describe how local zoning ordinances affect your choice of a site for the field. If you wish, design a plan for the field showing how it fits in with the neighboring land.

9. You are a recreation director. You want to expand the facilities available to people. For this you need money to buy land and equipment. What procedure would you follow to raise the needed money if no funds are available in the current budget?

10. You are in charge of beach facilities in your area. A large industrial plant is discharging waste into the water near the beach. What action would you take to prevent the plant from doing this? Describe each of possible alternatives open to you.

11. Describe the controls placed on legitimate gambling activities in this state. Are these means always effective, or are they violated? If they are violated, describe in what ways this is done.

12. You are involved in the preservation and marking of historic sites. Find a site that interests you and research its background. Then design a sign which would explain the significance of the site.

13. Describe how fairs came into being. When did they first start? How have they evolved to their present state? Make a model of a fair from an earlier period.

14. What resources does your state possess that would make it attractive to tourists and natives for recreation? Describe the state's assets and illustrate with slides or pictures. Describe the disadvantages which it has and outline a program to correct or compensate for them.

15. On an outline map of this state draw in 10-15 major hiking trails, labeling them as to name, length, and difficulty of terrain.

16. Write a list of 10 beach areas, 5 wildlife preserves, 5 scenic points, 5 state parks, 5 camping areas, 2 zoos or aquariums. Write a letter to each area inquiring about the number of persons served by facility, cost to users, (if any) permits required, history of each place, and control or regulation of facility.

17. Given the controversy involving Curt Flood and the so-called "reserve clause", describe the role played in the question of monopolies in sports by the federal government. What has the Supreme Court done? What has Congress done? What are some of the things Congress may do in the future?

18. Given the recent wave of players' strikes in professional sports, describe the causes of the strike which most interest you, the progress of the negotiations, the agreements reached, and the role played by the federal government in the controversy.

19. You are a businessman who wants to build a marina. Investigate the zoning laws pertaining to marinas in the area where you want to locate.

20. Draw a map of your town or city. On this diagram locate the recreation areas. Describe the number of people the area serves, types and costs of recreation equipment, and the date completed.

21. Study the types of beautification methods that are used in your area. After checking with Park's Department in city hall, explain in a report how these are planned and implemented.

22. Interview the director or manager in charge of recreation in an apartment house for senior citizens and find out the kinds of games that are played, the number of activities that are planned outside the facility, and how the kinds of activities that senior citizens like are determined.

23. You have been elected to obtain a fire permit for the class party at a local recreation area. Contact the State Park Department and find out if this is possible and what the fee is.

24. Your mother wants to send your sister to a nursery school, but none exist in the area. Take a survey of 25 families in this area who have children of nursery school age to see if they would be in favor of having one. If so, write a letter to the Superintendent of Schools discussing the problem.

25. You feel that a dog track would alleviate the citizen tax burden in your area. Contact the State Department of Taxation and find out what the taxation laws pertaining to race tracks are and how this money is used by the local and state governments. Report on your findings.

26. Investigate the historical background of the golf courses in the area. Report on how membership regulations differ.

27. Describe the development of the National Park Service. Why was it created, and what does it do?

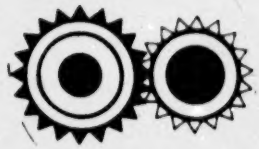
28. Your city or town is just completing a new civic center. In order to get people to and from the center you need a plan which will avoid traffic congestion. Set up a plan which will move people to and from the center with the least amount of inconvenience and then map it out.

29. You are responsible for organizing foreign tours for travelers. In order to do this you must know what the entry requirements are for various countries. Describe the requirements for at least 8 different countries.

30. You are setting up itineraries for groups visiting a foreign country. In order to do this, you must know something about the background of the country. Describe briefly the most important facets of a country's history for a particular period. (e.g. - "England, 1700-1750.")

31. Your job as a tour director in the state is to draw up a list of sites to which you would take your group. Find and describe in brief paragraph form, at least 25 suitable historical or cultural sites. Use slides to accompany your descriptions, if possible.

32. You are faced with the problem of preserving areas of open space, parks, trees, and other "natural" environmental assets. Arguing against you are industrialists, contractors, and other interest groups saying that more land is needed for economic growth and housing. Describe what you would say to counter their arguments. In what ways are the "natural" assets important to the individual's psychological health?



Manufacturing

1. Describe federal or state regulations which control the manufacturing of liquids such as soda and beer to guarantee their purity.

2. Make a model of a foundry as it existed in a colonial New England village.

3. Many of the textile mills in New England have moved elsewhere. Report on economic reasons which caused this.

4. Research and compare the working conditions of manufacturing employees in the late 1890's to 1900's and in 1973. Report on your findings.

5. You're a 13 year old boy in the early 1900's. Your father has made you quit school and work in a mill. Write a report on the working conditions you have experienced.

6. List the present working laws for employees.

7. The cotton gin was one of the first machines in America. Write a report on its functions, including pictures.

8. Draw a poster portraying the deplorable working conditions to which the workers of the 1900's were exposed.

9. Consumer research is not restricted to the work done by companies. Describe the consumer research which is being done by Ralph Nader. Describe Nader's background and the organization and methods of the group which he heads.

10. Describe the types of jobs which fall under the jurisdiction of the United Steelworkers. Describe the organization and development of the United Steelworkers and its functions.

11. Choose an industry which you like. Then describe the federal regulations which govern the standards of that industry's products. Describe how these products are tested to meet the standards.

12. Pick an industry that is of particular interest to you. Describe the effect that foreign competition is having on that industry. Describe what measures the federal government is taking to deal with this competition. What possible measures might it take that it is not now taking, or that it might take in the future?

13. You are living in the time of Henry Ford, the automobile manufacturer. Write a paper about the procedures used in producing cars at that time.

Marine Science

1. Report on wars fought by the United States in which the Navy was utilized. Include types of ships used and major areas of confrontation.

2. Visit a marina and interview the person who conducts the maintenance inspections there. Report to the class on the regulations which cover this inspection.

3. Report on the types of harpoons that were used in colonial times. Illustrate your report.

4. What laws are currently "on the books" with regard to miles off shore that a country regards as its territorial waters? Include (a) U.S., (b) Russia, (c) Cuba, (d) Communist China, and (e) Chile.

5. So you want to join the U. S. Navy's Submarine Fleet!
   (a) When were subs first used?
   (b) What types of subs does the U.S. Navy have in its arsenal?
   (c) What kinds of jobs are there on a submarine?
   (d) What are the qualifications for joining such an outfit?

6. As a fisherman, you are concerned with what size nets for deep sea fishing can be used according to international laws. Investigate the latest results of meetings between Russia and the U. S. about international fishing agreements along the grounds from Nova Scotia to the continental United States.

7. You and your friends have chartered a fishing boat. On your fishing trip you catch a large swordfish. You want to strip and package the flesh for food. Contact the Department of Health and determine if this is possible.

8. You are a senator from a coastal state. For the last two months, your office has been swamped with phone calls from your constituents over the possible drilling for oil off the coast. Determine the legislative procedure you would have to follow (as a senator) in order to obtain a law to stop this action by the oil companies.

9. Make a chart showing how ocean currents affected the choice of shipping lanes between the U. S. and Europe during the days of the sailing ships.

10. Oil spills are frequent problems with off-shore drilling. What is the federal government trying to do about this? Trace the history of a recent oil spill in which the federal government intervened.

11. You are a salvage worker. A ship sinks. Before your company can begin operations to salvage that ship, what legal measures must it take?

12. Describe the international agreements which have been reached to preserve various marine species.

13. Describe the requirements which must be met before a person can be licensed as a ship's pilot.

14. Describe how the methods of navigation have changed over the centuries. Make models of at least 2 ancient instruments used for navigation.

15. You are a commercial fisherman. Your business is suffering because Russian and Japanese trawlers are depleting the fishing banks off the American coast. Describe what actions the federal government has taken which might be able to help your industry.

16. You are engaged in the processing of seafood for public consumption. Describe the regulations laid down by the Federal Food and Drug Administration with which you have to comply.

17. The use of offshore mineral deposits has grown of increasing importance. Who owns the land within U. S. Territorial waters where these minerals are located? Describe what you would have to do in order to get permission to extract these minerals.

18. Describe what ways commercial fishing today differs in techniques from colonial times. Design and construct a scale model colonial fishing boat.

19. Describe the ways in which oceanographic exploration is important for military purposes. Describe any international agreements which cover warfare on the ocean bottom.

20. Describe the federal and state regulations which cover the taking of shell-fish. Why are they important?

21. The world is increasingly faced with the possibility of famine in under-developed areas. How can the sea be used to produce enough inexpensive food to avert such a disaster? Draw a chart showing how much food would be needed to feed threatened nations, and how much food the sea could be expected to produce.

22. Underwater archaeology is becoming an increasingly important science. Research a shipwreck which has been studied by archaeologists and construct a scale model of the site of the wreck, showing how the archaeologists proceeded to uncover it.

23. During the War of 1812, Impressment was an issue. Describe the American maritime laws which developed as a result?

24. The Spanish-American War involved controversey with Spain over violations of Maritime Law. Draw a chart listing these Maritime Law Violations.

25. During World War I, Germany struck American ships which were carrying contraband to Britain. Why did Germany feel justified in taking these measures? Write an essay on your findings.

26. Determine the F.D.A. regulations for fish packing and preserving. Report on your findings.

27. The Suez Canal has been closed several times in the past. Determine when and why this was done during the last 100 years.

28. What water areas of the world are critical in terms of naval strength for the U.S. and U.S.S.R.? (a) How long has this situation been true? (b) What does the land around this water area have to do with this situation?

29. Read a magazine article on the salvage of a wreck from an ancient civilization by diving and recovering. List any new facts about the civilization that were learned from the operation.

30. "U.S. and U.S.S.R. Sign Major Agreement on Nuclear Testing on Ocean Floor". This headline is important to all of us! When was this pact signed? By whom? How does it limit or stop the threat of the destruction of our oceans?

Marketing and Distribution Occupations

1. You are in the importing business. Describe the import regulations which affect the importation of goods for a specialized import business (eg.-jewelry, electronics, etc.)

2. Describe how federal and state regulations affect the insurance business.

3. Describe the methods used in determining consumer needs and demands.

4. Describe the procedure for marketing a new product.

5. Pick a store that has recently gone or is going out of business. Present probable reasons for its failure.

6. "Invest" in a particular stock/s for a period of perhaps 2-4 weeks. Report on your "profits" and/or "losses" and explain what factors influenced the growth of your stocks.

Personal Services

1. Report on the reasons for the founding and development of the S.P.C.A. Include an interview with an official of the society, if possible.

2. Report on the history of cooking techniques.

3. Investigate the various public health laws that govern the operation of beauty salons.

4. Investigate and report on state and city laws which govern the operation of funeral homes.

5. Compare today's wigs with those a century ago.

6. Describe how the Small Business Administration helps people to set up their own businesses.

7. Describe the kinds of records you would have to keep for federal and state tax purposes if you owned your own small service business.

8. Write a report based on an interview with a local funeral director about the legal processes that have to be considered when someone dies.

Public Service

1. Investigate the areas of criminal law with which policemen must be familiar. Which types of crimes do they cover? Which crimes are the most common? Consult a local policeman, if possible, for your information.

2. Try to determine the possible causes of automobile accidents by charting numbers of fatalities by age groups.

3. Make an outline map of the United States and show on it the centers of population at 10 year intervals from 1930 to the present.

4. Report on divorce laws in the state. Include your personal opinion of these laws.

5. If you were the captain of a Coast Guard cutter off the New Bedford, Massachusetts coast, why would the presence of a Russian fishing trawler six miles off shore present a touchy situation for you?

6. Interview the local chief of police to determine: (1) the job titles and distribution of personnel in the department (2) their specific responsibilities and (3) if there are sufficient personnel to cover the area served.

7. You've been offered a job as a land surveyor with the city public works department and also one with a private business. How would you decide which job to take?

8. What motivates someone to work for the government rather than in private business at a much better salary?

9. Compare marriage and birth rates during critical periods of history with those in quieter times.

10. You are a Chinese citizen in 1930 and are trying to come to the U. S. What sorts of obstacles might you face which could prevent you from immigrating?

11. You are recruiting workers from Europe for the Harriman Railroad in 1847. Why would the Irish be so willing to immigrate here at that time?

12. Your grandmother lives in Portugal but wants to come to the U. S. However, she has no money or skills. How could you get her here?

13. You have recently separated from your husband and have to care for yourself and three children because your husband won't provide support. Where do you go for help and what help can you expect to receive?

14. Study the operations of Family Court. Compare theory to operation.

15. You need a lawyer but have no money to pay for one. What facilities are available to help you get good legal advice?

16. Correlate the effectiveness of rehabilitation at your state prison to the prisoner repeat rate.

17. You just learned that the store from which you bought kitchen appliances just went bankrupt. You paid cash in advance and now aren't guaranteed delivery of your purchases. Where can you get help quickly? What help can you expect to receive.

18. You are a concerned parent of three children and have learned that there is a definite disaster plan that will be maintained in your town or city in the event of an emergency. Report on the plan.

19. You are a car dealer who has just opened a business in the local area. In the newspaper, you read that the city has put out a public bid for the purchase of six new police cars. You have to getermine what a public bid is, the principle behind it, how it is utilized, and where to present it.

20. You are an official of the Securities and Exchange Commission. What does the SEC do to regulate the stock market? Write a brief description of each of the commission's duties. Then trace a recent case in which the SEC has taken action against a company.

21. The Army Corps of Engineers often constructs projects which are designed to serve the general public. Describe at least 3 projects which fit this description and then build a scale model, or make a diagram, of the project which interests you the most.

22. Pick at least 2 occupations, which require a license, which are of interest to you. Then list the federal, state, or local requirements which must be met for obtaining a license to enter these occupations.

23. List the various requirements which must be met to become a teacher in an area that interests you. Describe the various steps that must be taken to remain in or be promoted in the profession.

24. You are interested in becoming a teacher, but you must know whether there will be any openings when you have completed your training. Describe the labor market outlook in at least two areas of teaching.

25. Politics frequently attracts people either as a career or a hobby. Tape an interview with at least two political figures focusing on how one gets into office and the various demands made on a political figure's private life.

26. Pick at least three careers that interest you and describe the outlook for the labor market in those areas for the coming years. The number of years to be projected will depend upon the careers in question and will be mutually agreed upon by the student and teacher.

27. The military often has close ties to industry for the purpose of research and development. This has given rise to the so-called "Military-Industrial Complex." Describe what this complex consists of and some of the criticisms of it.

28. Why are community relations important to a police department? Describe some of the problems police have had in the past in this area and the measures they are taking today. Interview a police official on this subject, or arrange for a police official to speak to the class on this subject.

29. You are a representative of the U. S. Customs Service. List and describe at least 15 different restrictions on the import of goods into the U. S. What are the reasons for these restrictions?

30. Economic cycles affect nearly every career. Develop questions dealing with the Great Depression of the 1930's and its impact on the lives of at least 3 people you know who lived through it. Conduct interviews which will find out what the Depression did to these people, and how they responded to it.

31. You are a U. S. Senator in 1915. What reasons could you give the people in your home state for supporting the 16th amendment?

32. As a citizen, you are concerned with the need for competent and professional law enforcement officers. You are thinking of going into the field. Determine the various job titles and skills and education needed. List the advantages and disadvantages of the job.

33. How important is it that vehicles have license plates? Find out, by writing to, or visiting, the registrar of motor vehicles, how important license plates are and what different purposes they serve.

34. Describe the federal and state grants and aids which are available for students who desire to continue their education beyond high school. (THIS DOES NOT MEAN JUST COLLEGE!)

35. You have just finished your driver education course. To obtain your driver's permit it is necessary that you present a birth certificate. Contact the local public agency that is concerned with this matter. List the procedures that have to be followed in order to obtain a certificate.

36. You have decided to get married. You have been told by your friends that a marriage license is needed. The problem you have is to determine how and where to obtain one and also how the procedures vary from state to state.

37. Your grandfather has two acres of land that he wants to deed to you. Go to the City Hall and investigate what procedures have to be followed in order to deed land from one person to another.

38. You have a close friend who is thinking of smuggling heroin into the country in order to make a large sum of money quickly. You are trying to discourage him. Investigate the various methods of customs inspection and the legal penalties imposed on any person smuggling illegal drugs into the country.

39. List and describe at least 8 services which are available to you (if you need them) from state welfare agencies.

40. Describe federal and state community child care programs. Describe at least 5 jobs related to child care and interview someone who works in this field.

41. Public Health Service does not mean a doctor's degree. Look into the Food and Drug Administration. What is its major function? What jobs are available? Find a food processing plant and investigate Food & Drug's role in its operation.

42. What is a public utility? Set up a chart showing the various types of public utilities. Beside each utility, explain each service and give the names of local companies who supply the services.

43. Taxes! How did they originate? Investigate the history of taxation in the United States. Answer the following question: What was the first kind of tax that the colonials had to pay? How did the new government support its services to the people?

44. Visit the State House or interview your state senator or representative. Find out how the state pays for the services it provides to the people. Make a list of the types of taxes and describe the use of each tax.

45. List the kinds of taxes you believe your parents are paying to the local government for services. Take the list home and find out how many different kinds of taxes they actually pay. At City Hall, investigate the number of departments that are concerned with tax monies.

46. When teachers, police, firemen or other public employees want a raise, who pays? What part of the tax dollar goes to education, police and fire protection, public works, health and special services? List each department, research the number of employees and cost to taxpayers.

47. Is military service for you? Find some information on the history of the Army, Navy, Marines, Air Force, and National Guard. When did each service come into being? How does each service protect and serve the U. S. (or individual states?)

48. Design a chart which will show the areas of responsibility for the operation of your city or town. Remember that the people (the voters) are responsible for their choices of administrators.

Transportation

1. Prepare slides and a taped commentary to explain the various traffic and street signs used in Europe.

2. You've just been involved in an automobile accident. Make a list of the information you need to send to the State Registry of Motor Vehicles and to the police department.

3. Investigate and report on working conditions of airline stewardesses and their involvement in union activities.

4. Evaluate the role of natural transportation facilities in the growth of a city.

5. On the U. S. map showing major cities, trace the natural transportation facilities (rivers, bays, lakes, etc.).

6. Compare Amtrak to the traditional railway system.

7. Write and illustrate a booklet on the history of heavier-than-air flying machines.

8. Chart a flight pattern from your state to Tokyo, Japan.

9. Trace the route of whaling ships sailing out of New Bedford, Massachusetts. Make a map of the shipping route you have researched.

10. You are a new truck driver taking a load of furniture to New York. Contact the Interstate Commerce Commission and investigate the regulations that you must follow. List these regulations.

11. You are a seaman on a merchant marine vessel during World War II bringing cargo to Britain which will aid in the war movement. Your vessel is under German sub attack. Research the topic and conclude whether Germany had the right to sink neutral American vessels according to International law.

12. You are a pilgrim sailing for America. Draw a map of the voyage and write an imaginary ten-day daily log of your experiences.

13. You want to become a pilot. What are the Federal Aviation Administration requirements for obtaining a pilot's license? What are the requirements for obtaining a commercial pilot's license?

14. No matter what area of the air-passenger or shipping business you enter, you will eventually encounter the Federal Aviation Administration. Describe the functions of the FAA. How does it affect at least four different jobs in the airline business?

15. You are a truck driver who frequently crosses state lines. What were the various federal requirements you had to meet to get your job? Describe the various federal regulations with which you must comply in the day-to-day carrying out of your job.

16. As a worker in the trucking business, the activities of the union which represents you are of personal interest. Describe developments within the last 20 years which have affected the Teamster's Union. Tape an interview with a local teamster's official, and at least 2 rank and file members.

17. You are a truck driver assigned to deliver a load of goods from Providence, Rhode Island to Hackensack, New Jersey. Map the route you will follow which will get you to Hackensack with the greatest speed and the least expense. Describe the state and federal laws with which you must comply in making the trip.

18. Describe the qualifications that are necessary to obtain a seaman's license. Who issues these licenses? Interview someone who works in this area.

19. An important part of port operations is the longshoremen. Describe the background of the International Longshoremen's Association. What are the functions of this union? What kind of a reputation has it enjoyed?

20. Hijacking has become a menace to all who use airplanes. Find out what laws have been passed concerning hijackers. Who is responsible for these laws? Clip from the newspaper some recent air piracy incidents and report your findings.

21. Several commercials on T.V. have pointed to the use and importance of our railroads. How important is the RR to our daily lives? How long has the RR served America? What are the major RR companies in U.S.?

22. Trace the development of a labor dispute between the dock workers of the International Longshoremen's Association and management. What was the final outcome of the dispute?